

Amendments to the Claims:

1. (currently amended) A disk mill comprising:

two grinding disks each formed as a ring with a central hole, with the disks being disposed so as to be essentially parallel to one another, and ~~rotatable~~ being capable of rotating with respect to one another about a common axis which extends through the central holes of the disks, and which comprise:

first working surfaces in an inner area which are directed towards one another, are spaced apart from one another thereby forming a working space in the area adjacent the hole, run conically towards one another in the outwards direction, and narrow the working space; and

second working surfaces formed in an outer edge section so as to be parallel to one another and with at least slight spacing from one another,

wherein the first working surfaces as well as the second working surfaces are provided with straight cutting teeth, wherein the cutting teeth have an approximately saw-tooth cross section, wherein the cutting teeth of the first and second working surfaces of the same grinding disk run in the same direction obliquely to the radial direction, and wherein the cutting teeth of the second working surfaces are inclined more sharply than the cutting teeth of the first working surfaces.

2. – 23. (canceled)

24. (previously presented) The disk mill according to Claim 1, wherein one of the two grinding disks is mounted in such a manner that it cannot rotate and the other grinding disk is mounted in such a manner that it can rotate.

25. (previously presented) The disk mill according to Claim 1, wherein the two grinding disks are mounted in such a manner that they can rotate counter to one another.

26. (previously presented) The disk mill according to Claim 1, wherein the grinding disks are disposed so as to be coaxial with each other.
27. (previously presented) The disk mill according to Claim 1, wherein the grinding disks are disposed so as to be eccentric with respect to one another.
28. (previously presented) The disk mill according to Claim 1, wherein the grinding disks are approximately of equal size.
29. (previously presented) The disk mill according to Claim 28, wherein the grinding disks have approximately equal working surfaces.
30. (previously presented) The disk mill according to Claim 1, wherein the outer edge section is formed as a ring.
31. (new) The disk mill according to Claim 1, wherein the outer edge section makes up approximately 30% to 70% of a radial extension of the grinding disks (2, 3).
32. (previously presented) The disk mill according to Claim 1, wherein the cutting teeth are at an angle of approximately 2° to 40° relative to a radial direction.
33. (previously presented) The disk mill according to Claim 1, wherein said disk mill is configured for grinding hard materials.

34. (previously presented) The disk mill according to Claim 33, wherein said disk mill is configured for grinding at least one of minerals, ceramics, or hard metals.

35. (previously presented) The disk mill according to Claim 1, wherein said disk mill is configured for grinding at least one of plastics or soft metals.

36. (previously presented) The disk mill according to Claim 1, wherein said disk mill is configured for use grinding soft materials.

37. (previously presented) The disk mill according to Claim 36, wherein said disk mill is configured for grinding wood pulps.

38. (previously presented) The disk mill according to Claim 1, wherein said disk mill is configured for grinding foodstuffs.